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Page 1 of 3

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO. ARCD:177/WIM	SERIAL NO. 08/455,683
	APPLICANT: Graeme I. Bell et al.	
	FILING DATE May 31, 1995	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
<i>SP1</i>	B1	WO 94/11500	05/26/94	PCT			

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

<i>SP1</i>	C1	Dohlman et al., "Model Systems for the Study of Seven-Transmembrane-Segment Receptors," <i>Annu. Rev. Biochem.</i> , 60:653-688, 1991.
<i>SP1</i>	C2	Dohlman et al., "A Family of Receptors Coupled to Guanine Nucleotide Regulatory Proteins," <i>Biochemistry</i> , 26:2657-2664, 1987.
<i>SP1</i>	C3	Evans et al., "Cloning of a Delta Opioid Receptor by Functional Expression," <i>Science</i> , 258:1952-1954, 1992.
<i>SP1</i>	C4	Frielle et al., "Structural Basis of β -adrenergic Receptor Subtype Specificity Studied with Chimeric β_1/β_2 -adrenergic Receptors," <i>Proc. Natl. Acad. Sci. USA</i> , 85:9494-9498, 1988.
<i>SP1</i>	C5	Gioannini, T.L. et al., "Evidence for the Presence of Disulfide Bridges in Opioid Receptors Essential for Ligand Binding. Possible Role in Receptor Activation," <i>J. Mol. Recogn.</i> , 2:44-48, 1989.
<i>SP1</i>	C6	Kieffer et al., "The δ -opioid Receptor: Isolation of a cDNA by Expression Cloning and Pharmacological Characterization," <i>Proc. Natl. Acad. Sci. USA</i> , 89:12048-12052, 1992.
<i>SP1</i>	C7	Loh et al., "Molecular Characterization of Opioid Receptors," <i>Annu. Rev. Pharmacol. Toxicol.</i> , 30:123-147, 1990.
<i>SP1</i>	C8	Lutz et al., "Opioid Receptors and Their Pharmacological Profiles," <i>J. Receptor Res.</i> , 12:267-286, 1992.

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<i>SPF</i>	B2	0 612 845 A3	08-31-94	EPO	-e12N	15/42	

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

<i>SPF</i>	C9	Mansour et al., "Anatomy of CNS Opioid Receptors," <i>Trends in Neurosci.</i> , 7:2445-2453, 1987.
<i>SPF</i>	C10	Nock et al., "Autoradiography of [3H]U-69593 Binding Sites in Rat Brain: Evidence for K Opioid Receptor Subtypes," <i>Eur. J. Pharmacol.</i> , 154:27-34, 1988.
<i>SPF</i>	C11	Simon, "Opioid Receptors and Endogenous Opioid Peptides," <i>Medicinal Res. Rev.</i> , 11:357-374, 1991.
<i>SPF</i>	C12	Unterwald et al., "Neuroanatomical Localization of K1 and K2 Opioid Receptors in Rat and Guinea Pig Brain," <i>Brain Res.</i> , 562:57-65, 1991.
<i>SPF</i>	C13	Xie et al., "Expression Cloning of cDNA Encoding a Seven-helix Receptor from Human Placenta with Affinity for Opicid Ligands," <i>Proc. Natl. Acad. Sci. USA</i> , 89:4124-4128, 1992.
<i>SPF</i>	C14	Yamada et al., "Cloning and Functional Characterization of a Family of Human and Mouse Somatostatin Receptors Expressed in Brain, Gastrointestinal Tract, and Kidney," <i>Proc. Natl. Acad. Sci. USA</i> , 89:251-255, 1992.
<i>SPF</i>	C15	Yasuda et al., "Cloning of a Novel Somatostatin Receptor, SSTR3, Coupled to Adenylylcyclase," <i>J. Biol. Chem.</i> , 267:20422-20428, 1992.
<i>SPF</i>	C16	Schofield et al., "Molecular Characterization of a New Immunoglobulin Superfamily Protein with Potential Roles in Opioid Binding and Cell Contact," <i>The EMBO Journal</i> , 8:489-495, 1989.

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<i>Dally Tang</i>	10/24/87

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SPT	B3	WO 94/04552	03-03-94	PCT	C07H	21/04	
SPT	B4	WO 93/19086	09-30-93	PCT	C07K	3/18	

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

SPT	C17	Probst et al., "Sequence Alignment of the G-Protein Coupled Receptor Superfamily," <i>DNA and Cell Biology</i> , 11:1-20, 1992.
SPT	C18	<u>Dialog Search Report, pp. 1-14, printed May 24, 1994.</u>
SPT	C19	Fujioka et al., "Purification and Reconstitution of μ -opioid Receptors in Liposome," <i>Journal of Chromatography</i> , 597:429-433, 1992.
SPT	C20	Miller et al., "Reversed-phase Liquid Chromatographic Purification and Isolation of a Radio-iodinated Selective Probe for Mu Opioid Receptors in the Brain," <i>Journal of Neuroscience Methods</i> , 41:93-99, 1992.
SPT	C21	Shimizu, Masayoshi, "Isolation and Purification of Mu-type Opioid Receptor from Rat Brain using HPLC, and Biochemical Properties of Partially Purified Opioid Binding Protein," <i>Acta Scholae Medicinalis Universitatis in Gifu</i> , 35:88-110, 1987.
SPT	C22	Simon et al., "Purification of a Kappa-opioid Receptor Subtype from Frog Brain," <i>Neuropeptides</i> , 10(1):19-28, 1987.
SPT	C23	Ueda and Satoh, " μ -Opioid Receptor: Purification and Reconstitution with GTP-Binding Protein," <i>Receptor Purification</i> , 1:115-129, 1990.
SPT	C24	PCT Search Report mailed April 4, 1995.

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Atty. Docket No. ARCD:177/WIM	Serial No. 08/455,683
Applicant Bell et al.	
Filing Date: May 31, 1995	Group: 1812

U.S. Patent Documents

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Foreign Patent Documents

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
SEP	C25	Declaration of Terry Reisine, Ph.D.
SEP	C26	Kong, et al., "A Single Residue, Aspartic Acid 95, in the δ Opioid Receptor Specifies Selective High Affinity Agonist Binding," <i>J. Biol. Chem.</i> , 268(31):23055-23058 (1993).
SEP	C27	Raynor, et al., "Molecular Mechanisms of Agonist-Induced Desensitization of the Cloned Mouse Kappa Opioid Receptor," <i>J. Pharmacol. Exp. Ther.</i> , 270(3):1381-1386 (1994).
SEP	C28	Bot et al., "Mutagenesis of the Mouse δ Opioid Receptor Converts (-)-Buprenorphine From a Partial Agonist to an Antagonist," <i>J. Pharmacol. Exp. Ther.</i> , accepted for publication.
SEP	C29	Blake, et al., "Differential Agonist Regulation of the Human κ-Opioid Receptor," <i>J. Neurochem.</i> , 68(5):1846-1852 (1997).
SEP	C30	Dawson et al., "Chronic Exposure to κ-Opioids Enhances the Susceptibility of Immortalized Neurons (F-11κ7) to Apoptosis-Inducing Drugs by a Mechanism that May Involve Ceramide," <i>J. Neurochem.</i> 68:2363-2370 (1997).
SEP	C31	Tallent et al., "Differential Regulation of the Cloned Kappa and Mu Opioid Receptors," submitted for publication.
SEP	C32	Livingston et al., "Aspartate 128 in the Third Transmembrane Spanning Region of the Cloned Mouse Delta Opioid Receptor is Necessary for Agonist Binding," initial manuscript submitted for publication.

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U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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<i>SJT</i>	C33	Livingston <i>et al.</i> , "Aspartate 128 in the Third Transmembrane Spanning Region of the Cloned Mouse Delta Opioid Receptor is Necessary for Agonist Binding," revised manuscript submitted for publication.
<i>SJT</i>	C34	Befort <i>et al.</i> , "The Conserved Aspartate Residue in the Third Putative Transmembrane Domain of the δ -Opioid Receptor Is Not the Anionic Counterpart for Cationic Opiate Binding But Is a Constituent of the Receptor Binding Site," <i>Mol. Pharmacol.</i> 49:216-223 (1996).
<i>SJT</i>	C35	Bot <i>et al.</i> , "Opioid Regulation of the Mouse δ -Opioid Receptor Expressed in Human Embryonic Kidney 293 Cells," <i>Mol. Pharmacol.</i> 52:272-281 (1997).
<i>SJT</i>	C36	Xue and Liu-Chen, "Differential Binding Domains of Peptide and Non-peptide Ligands in the Cloned Rat κ Opioid Receptor," <i>J. Biol. Chem.</i> 269:30195-30199 (1994).

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